

Observ. XXXIX. Of the Eyes and Head of a
and of several other creatures.

I took a large grey *Drone-Fly*, that had a large, he
slender body in proportion to it, and cutting off its
the forepart or face upwards upon my Object Plate
of rather than the head of a great blue Fly, because my
about the eyes, I found this Fly to have, first the big
in proportion to his head, of any small kind of Fly, the
being somewhat inclining towards the make of the
Next, because there is a greater variety in the kno
cluster, then is of any small Fly) Then examining it ac
manner, by varying the degrees of light, and altering
kinde of light, I drew that representation of it wh
the 24. *Scheme*, and found these things to be as pla
notable and pleasant.

First, that the greatest part of the face, nay, of the he
but two large and *protuberant* bunches, or *prominent* pa
surface of each of which was all cover'd over, or shap
of small *Hemispheres*, plac'd in a *triagonal* order, that b
most compacted, and in that order, rang'd over the
eye in very lovely rows, between each of which, as is
long and regular trenches, the bottoms of every of w
intire, and not at all perforated or drill'd through, wh
was assured of, by the regularly reflected Image of ce
I mov'd to and fro between the head and the light.
the *Cornea* or outward skin, after I had stript it off fr
stances that lay within it, and by looking both upon t
the light.

Next, that of those multitudes of *Hemispheres*, the
two degrees of bigness, the half of them that were lo
toward the ground or their own leggs, namely, C I
pretty deal smaller then the other, namely, A B C E, A
upward, and side-ways, or foreright, and backward, v
not found in any other small Fly.

Thirdly, that every one of these *Hemispheres*, as the
ty neer the true shape of a *Hemisphere*, so was the
smooth and regular, reflecting as exact, regular, and
any Object from the surface of them, as a small Ball
that bigness would do, but nothing neer so vivid, the
being very languid, much like the reflection from the
Glas, Crystal, &c. In so much that in each of these
been able to discover a Land-scape, of those things w